



Figure 5. Seasonal cycles of tropospheric column ozone (TCO) from Wallops Island (W) and Hohenpeissenberg (H) ozonesonde measurements are compared with TOR calculated at correspondingly representative boxes (1 and 5, respectively) that represent those locations (top panel). The correlation ($R=0.87$) of the monthly gradient between points in TOR boxes 1 and 5 and the TCO from the ozonesonde measurements is shown in the plot on the bottom. The solid line is the linear fit through the data points and the dashed line indicates a slope of one.